ABSTRACT

disclosed invention herein is a method The extracting fingerprint feature data using ridge a orientation model. fingerprint The feature data extracting method includes the steps of inputting a fingerprint image, extracting ridge orientations according to regions, calculating ridge qualities according to regions separating background and from the region fingerprint image, extracting regions having a core and a setting an delta, initial ridge orientation calculating a ridge orientation function, and extracting the ridge orientations and the core and delta positions of the fingerprint image.